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Fig. 1

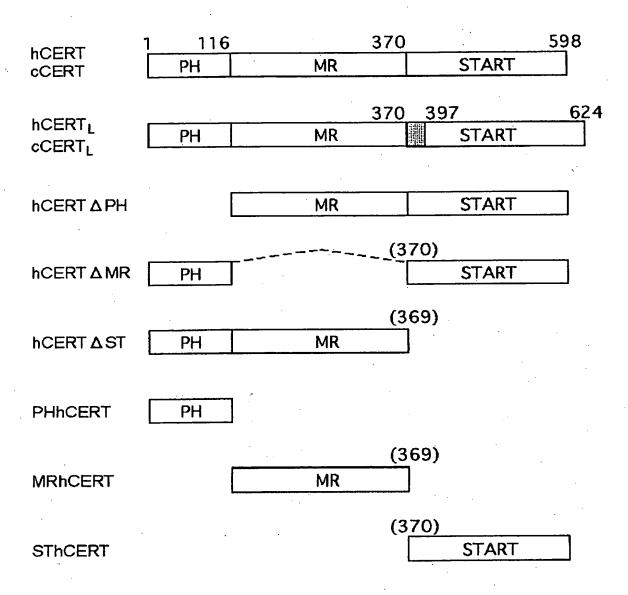


Fig. 2

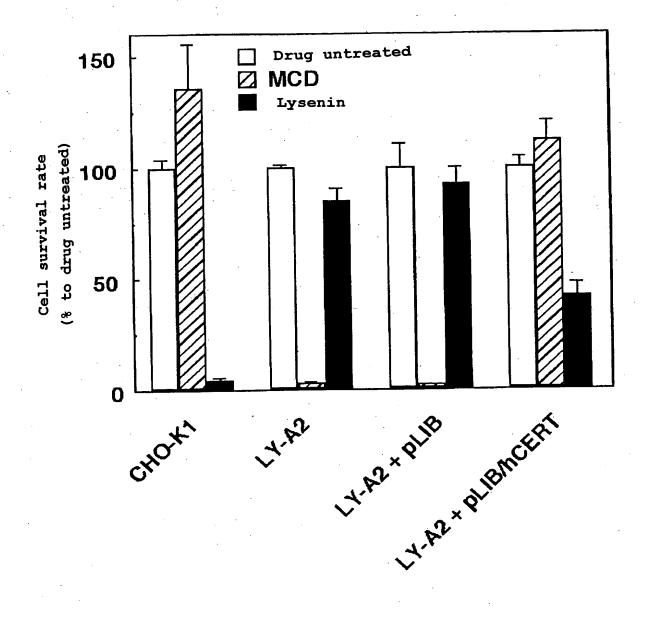
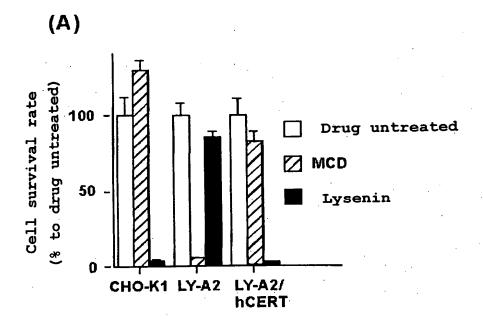
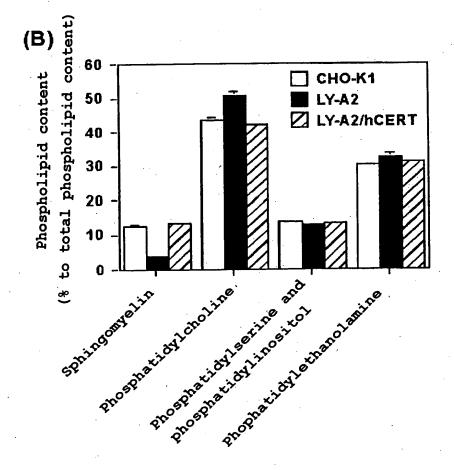


Fig. 3





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## Fig. 4

(A) (B)
[14C] serine labeling [14C] choline labeling

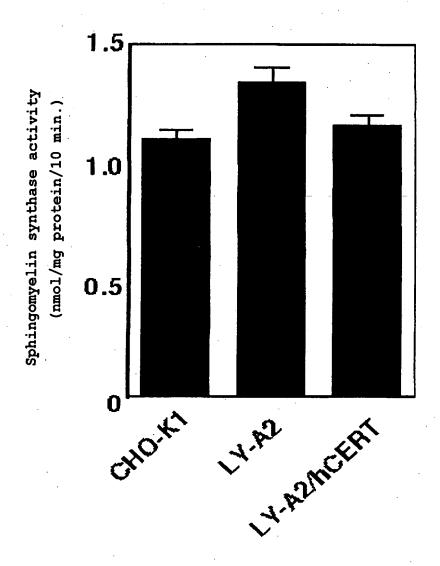
ceramide .

glucosylceramide -

Phophatidyl ethanolamine Phosphatidyl choline

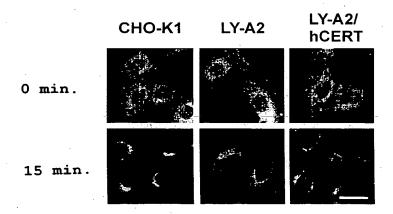
Phosphatidylserine Sphingomyelin Ilyso-phosphatidyl choline

Fig. 5



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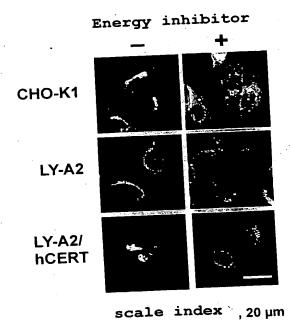
Fig. 6



scale index , 20 µm

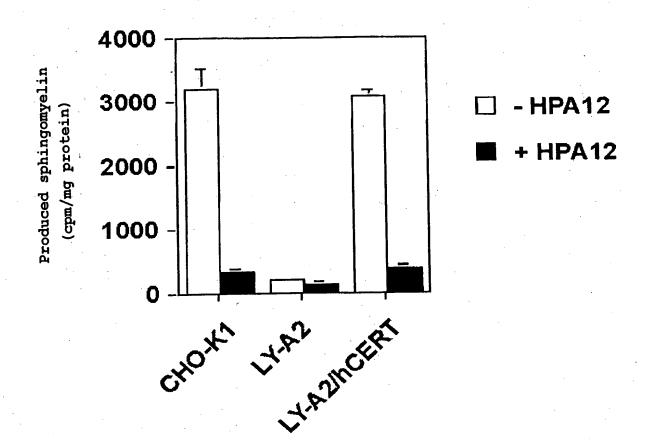
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Fig. 7

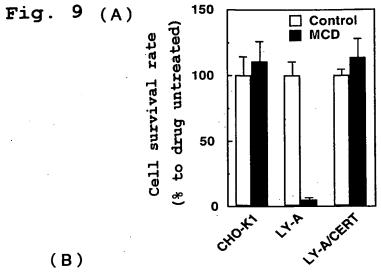


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Fig. 8



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[14C] serine labeling

[14C] choline labeling

ceramide -

glucosylceramide -

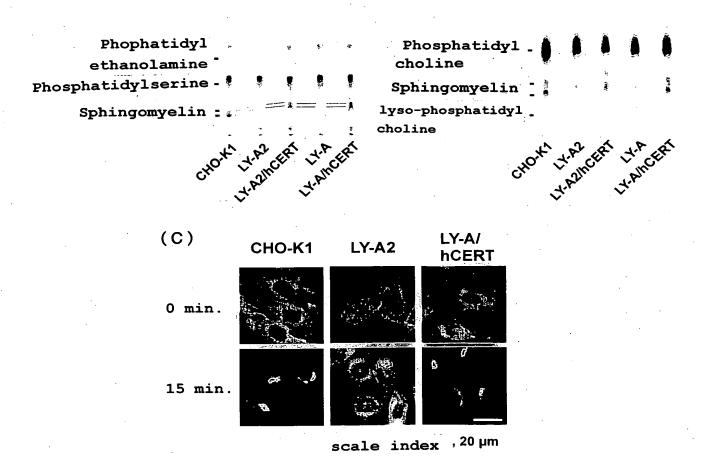
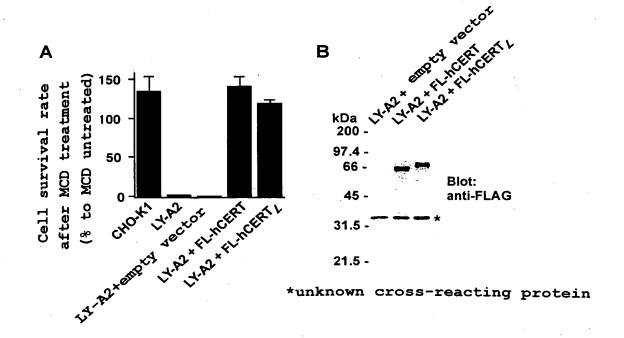


Fig. 10



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Fig. 11

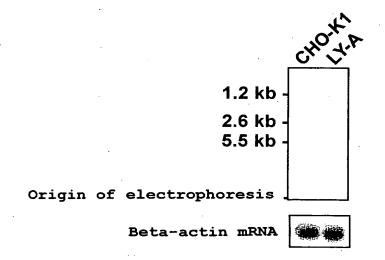


Fig. 12

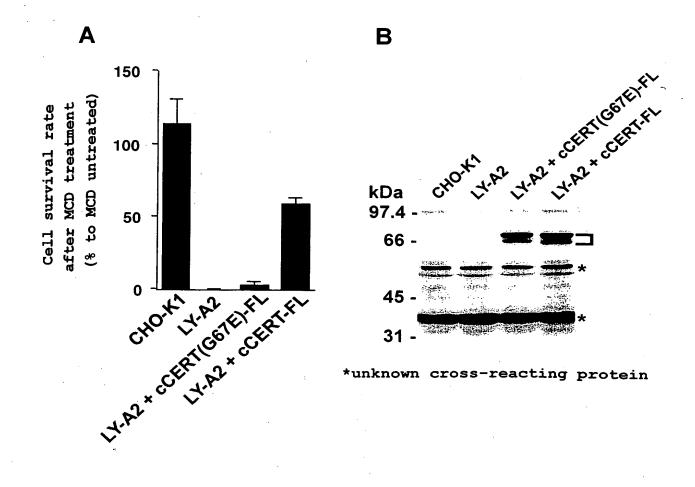


Fig. 13

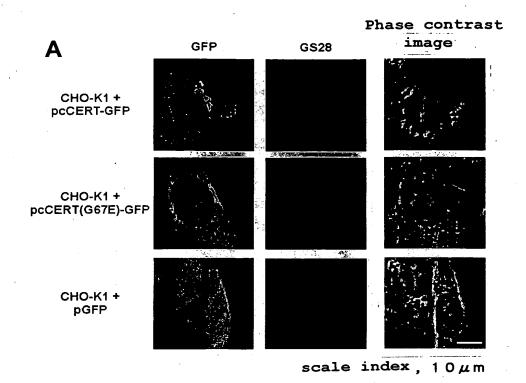


Fig. 14

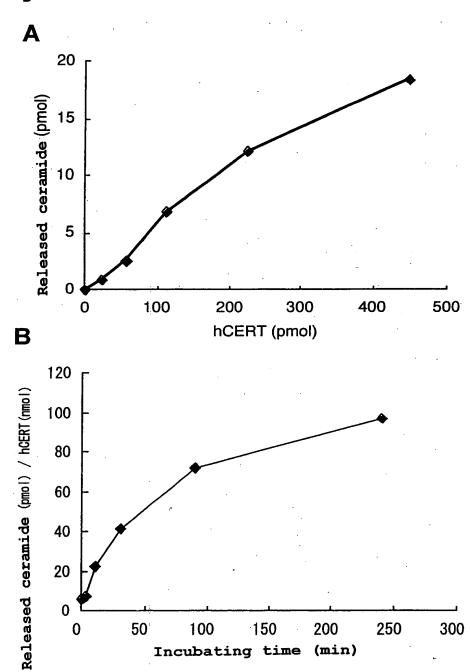
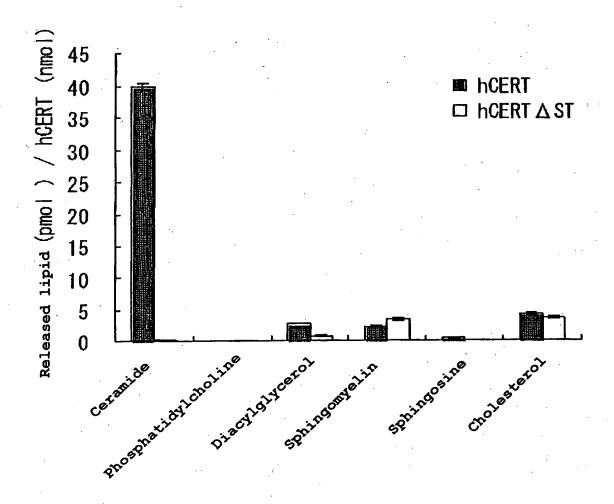


Fig. 15



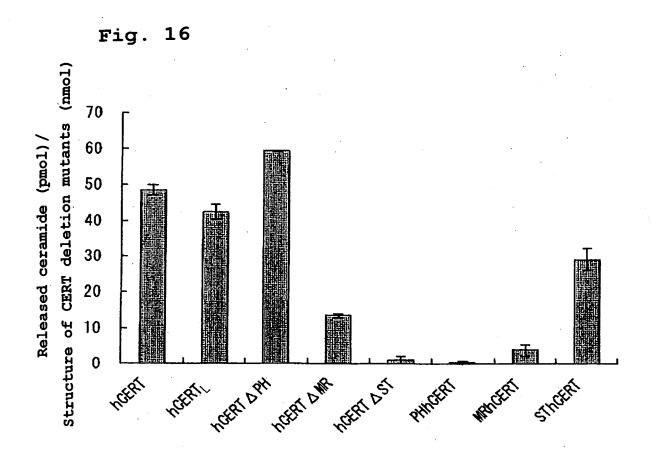


Fig. 17

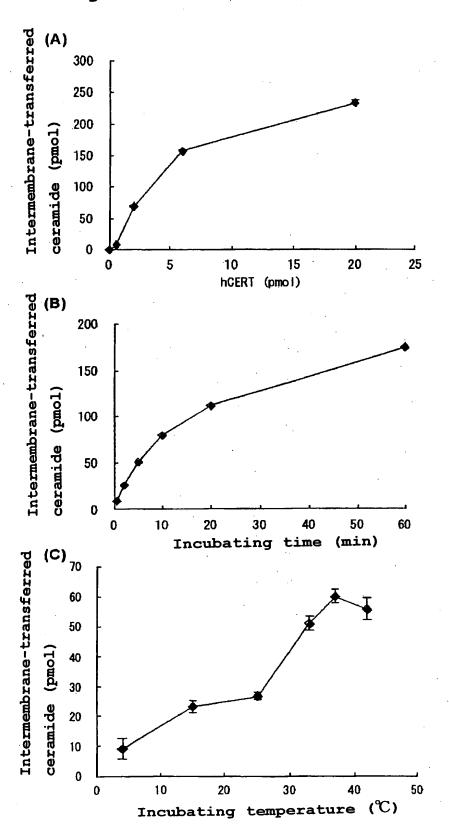


Fig. 18

